From: Charles Randklev
To: Rodolfo Pérez
Cc: Rosalía Aguilar; Kevin Cummings; Oetker, Susan; Kentaro Inoue
Subject: Re: Sampling Panuco Basin for threatened mussel species.
Date: Friday, August 18, 2017 3:56:12 PM
Attachments: DSCN0207.jpg
DSCN0208.jpg
DSCN0714.jpg
DSCN0459.jpg
DSCN0447.jpg

Hi Rodolfo, fantastic and thank you for your help! Attached are photos of what we are generally looking for, though we will take any type of mussel you find live or shell, and of habitat where we often find mussels. The habitats where you will find them include riffles, crevices of boulder piles, under large rocks, crevices in the bed of the stream, crevices within rocky outcrops and in muddy banks. If you do find mussels, do you have a permit to ship them to me? They need to be preserved in ETOH for molecular studies. I can cover shipping and supplies. I've copied Kevin Cummings, Susan Oetker and Ken Inoue on this email. They are my collaborators. We are still finalizing the proposal, which I will share with you.

Kevin, can you provide Rodolfo with location information?

Best,
Charles

From: Rodolfo Pérez <rperezr38@gmail.com>
Sent: Friday, August 18, 2017 9:54:56 AM
To: Charles Randklev
Cc: Rosalía Aguilar
Subject: Re: Sampling Panuco Basin for threatened mussel species.

Hello Charles, nice to meet you too. I like fantastic the propossal, I work in this moment with several species of freshwater fishes from several rivers in gulf of mexico slope. I like to collaborate with you. Next week I going to sample several tributaries of Panuco, Soto la Marina and San Fernando, you may come with us or if you has localities i can check them. We are in touch. Regards. Rodo

El 18/08/2017 07:28 a.m., "Charles Randklev" <crandklev@ag.tamu.edu> escribió:

> Thanks Lia and congrats on your new job, very cool! When you get setup let me know, we could potentially collaborate on a project to work out host fish for mussels in Mexico if you're interested. That's one of the things we do in my lab and so I could help you get started if you're interested.
>
> Rodolfo, nice to meet you! I was contacted recently by USFWS to examine the taxonomy, status and distribution of Popenaias popeii in Mexico. This

species historically ranged from the Rio Grande drainage in the United States (New Mexico and Texas) and Mexico south along Mexican Gulf coastal drainages to the northern Veracruz. Currently, there are only four known extant populations: Black River (Eddy County, New Mexico), Devils River (a tributary of the Rio Grande in Val Verde County, Texas), and the Rio Grande in the Lower Canyons (Brewster and Terrell Counties, Texas) and near Laredo (Webb County, Texas). The status of this species in Mexico is unknown. Based on museum data the Panuco basin (Rio Valles) seems like our best bet for finding this species, though the Rio Actopan and Rio Cazones also seem promising. However, USFWS is also interested in surveying its type locality (Rio Salado) and nearby rivers. Would you be interested in collaborting with us? I've contacted Edna Garcia and she's intersted in collaborating, too, and is helpling with permits.

From: Rosalía Aguilar <liabiol@gmail.com>
Sent: Thursday, August 17, 2017 10:16 PM
To: Charles Randklev; Rojo Rodolfo Perez Rodriguez
Subject: Re: Sampling Panuco Basin for threatened mussel species.

Hey Charles and Rodolfo,

Good news Charles, my friend Rodolfo Perez, an ichthyologist from the University of Michoacan start this Monday a field trip to Tamaulipas, Coahuila, and Nuevo Leon. I'm pretty sure you can collaborate with him, he knows all river and fishes from Mexico,

All the best,
Lia

2017-08-16 12:04 GMT-05:00 Charles Randklev <crandklev@ag.tamu.edu>:

> Hi Dr. Rosalia Aguilar,
>
> Gil Rosenthal forwarded your contact info regarding potential collaborators in Mexico. I've been approached by USFWS to evaluate the status of Popenaias popeii (Texas hornshell) in Mexico as part of their analysis to determine whether ESA listing is warranted for this species. The Panuco Basin seems like a good starting place for field work based on museum data. The service would like to begin getting info as soon as possible, say, within the next six months, which is concerning since I don't have a collaborator or permit to sample in Mexico. I anticipate this project will last for 3 to 4 years. So, I was wondering if you'd like to chat about collaborating with me on this. Thanks in advance for your time.
>
> Best,
> Charles

Charles Randklev, PhD
Research Scientist
crandklev@ag.tamu.edu

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Sigue confiando y trabajando, que las cosas van a suceder
Dr.Rosalía Aguilar Medrano

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